

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	glnap\$8	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:18
L2	316	acetyl adj phosphate or acetylphosphate	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:19
L3	123197	promoter\$1	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:19
L4	1922161	induc\$8 or regulat\$8 or activat\$8 or modulat\$8	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:20
L5	2	2 same 3 same 4	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:20
L6	439003	acetate	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:20
L7	54	6 near8 4 near8 3	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:21
L8	13975	isoprenoid\$1 or lycopene\$1 or carotene\$1 or astaxanthin\$1 or phytoene\$1 or isopentyl adj diphosphate or ipp	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:28
L9	46831	polyhydroxybutyrate\$1 or phb\$1 or polyhydroxyvalerate\$1 or phv\$1 or polyhydroxyalkanoate\$1 or pha\$1	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:29
L10	1405	polyketide\$1	US-PGPUB; USPAT	OR	OFF	2005/12/13 14:30
L11	4	(8 or 9 or 10) near4 (gene\$1 or sequence\$1) and 2	US-PGPUB; USPAT	OR	OFF	2005/12/13 15:18
L12	176	(8 or 9 or 10) near4 (gene\$1 or sequence\$1) and (6 same 4)	US-PGPUB; USPAT	OR	OFF	2005/12/13 15:18
L13	51	(8 or 9 or 10) near4 (gene\$1 or sequence\$1) same (2 or 6)	US-PGPUB; USPAT	OR	OFF	2005/12/13 15:21
L14	1021	(8 or 9 or 10) near4 (gene\$1 or sequence\$1) and 6	US-PGPUB; USPAT	OR	OFF	2005/12/13 15:10
L15	60	14 and carbon adj (flux or flow)	US-PGPUB; USPAT	OR	OFF	2005/12/13 15:14
L16	569	(deoxyxylulose or deoxy xylulose or geranylgeranyl or geranyl geranyl) adj2 synthase\$1 or dxp or ggpp	US-PGPUB; USPAT	OR	OFF	2005/12/13 15:18
L17	0	16 near4 (gene\$1 or sequence\$1) and 2	US-PGPUB; USPAT	OR	OFF	2005/12/13 15:18
L18	4	16 near4 (gene\$1 or sequence\$1) and (6 same 4)	US-PGPUB; USPAT	OR	OFF	2005/12/13 15:19
L19	1	16 near4 (gene\$1 or sequence\$1) same (2 or 6)	US-PGPUB; USPAT	OR	OFF	2005/12/13 15:22

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 16:05:01 ON 13 DEC 2005

=> fil .bec

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

0.21	0.21
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FILES 'MEDLINE, SCISEARCH, LIFESCI, BIOTECHDS, BIOSIS, EMBASE, HCAPLUS, NTIS,  
ESBIOBASE, BIOTECHNO, WPIDS' ENTERED AT 16:05:10 ON 13 DEC 2005  
ALL COPYRIGHTS AND RESTRICTIONS APPLY. SEE HELP USAGETERMS FOR DETAILS.

11 FILES IN THE FILE LIST

=> s glnap?

FILE 'MEDLINE'

L1 57 GLNAP?

FILE 'SCISEARCH'

L2 39 GLNAP?

FILE 'LIFESCI'

L3 53 GLNAP?

FILE 'BIOTECHDS'

L4 6 GLNAP?

FILE 'BIOSIS'

L5 61 GLNAP?

FILE 'EMBASE'

L6 49 GLNAP?

FILE 'HCAPLUS'

L7 69 GLNAP?

FILE 'NTIS'

L8 0 GLNAP?

FILE 'ESBIOBASE'

L9 26 GLNAP?

FILE 'BIOTECHNO'

L10 44 GLNAP?

FILE 'WPIDS'

L11 2 GLNAP?

TOTAL FOR ALL FILES

L12 406 GLNAP?

=> s acetyl phosphate or acetylphosphate or acetate

FILE 'MEDLINE'

41996 ACETYL

140940 PHOSPHATE

375 ACETYL PHOSPHATE

(ACETYL(W) PHOSPHATE)

75 ACETYLPHOSPHATE

96769 ACETATE

L13 97105 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE

FILE 'SCISEARCH'

43394 ACETYL

152372 PHOSPHATE  
 376 ACETYL PHOSPHATE  
 (ACETYL(W) PHOSPHATE)  
 37 ACETYLPHOSPHATE  
 99676 ACETATE  
 L14 99999 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE  
  
 FILE 'LIFESCI'  
 11762 "ACETYL"  
 40475 "PHOSPHATE"  
 192 ACETYL PHOSPHATE  
 ("ACETYL" (W) "PHOSPHATE")  
 24 ACETYLPHOSPHATE  
 25433 ACETATE  
 L15 25585 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE  
  
 FILE 'BIOTECHDS'  
 3414 ACETYL  
 19575 PHOSPHATE  
 56 ACETYL PHOSPHATE  
 (ACETYL(W) PHOSPHATE)  
 12 ACETYLPHOSPHATE  
 12525 ACETATE  
 L16 12555 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE  
  
 FILE 'BIOSIS'  
 88769 ACETYL  
 203590 PHOSPHATE  
 461 ACETYL PHOSPHATE  
 (ACETYL(W) PHOSPHATE)  
 85 ACETYLPHOSPHATE  
 122728 ACETATE  
 L17 123122 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE  
  
 FILE 'EMBASE'  
 44042 "ACETYL"  
 174911 "PHOSPHATE"  
 305 ACETYL PHOSPHATE  
 ("ACETYL" (W) "PHOSPHATE")  
 44 ACETYLPHOSPHATE  
 112417 ACETATE  
 L18 112677 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE  
  
 FILE 'HCAPLUS'  
 150197 ACETYL  
 532547 PHOSPHATE  
 979 ACETYL PHOSPHATE  
 (ACETYL(W) PHOSPHATE)  
 244 ACETYLPHOSPHATE  
 499659 ACETATE  
 L19 500461 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE  
  
 FILE 'NTIS'  
 742 ACETYL  
 6434 PHOSPHATE  
 1 ACETYL PHOSPHATE  
 (ACETYL(W) PHOSPHATE)  
 1 ACETYLPHOSPHATE  
 3082 ACETATE  
 L20 3082 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE  
  
 FILE 'ESBIOBASE'  
 14671 ACETYL  
 46585 PHOSPHATE

174 ACETYL PHOSPHATE  
(ACETYL(W) PHOSPHATE)  
20 ACETYLPHOSPHATE  
28243 ACETATE  
L21 28398 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE

FILE 'BIOTECHNO'  
12360 ACETYL  
51707 PHOSPHATE  
190 ACETYL PHOSPHATE  
(ACETYL(W) PHOSPHATE)  
29 ACETYLPHOSPHATE  
29320 ACETATE  
L22 29484 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE

FILE 'WPIDS'  
28252 ACETYL  
94575 PHOSPHATE  
39 ACETYL PHOSPHATE  
(ACETYL(W) PHOSPHATE)  
19 ACETYLPHOSPHATE  
126110 ACETATE  
L23 126140 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE

TOTAL FOR ALL FILES  
L24 1158608 ACETYL PHOSPHATE OR ACETYLPHOSPHATE OR ACETATE

=> s promoter?  
FILE 'MEDLINE'  
L25 122520 PROMOTER?

FILE 'SCISEARCH'  
L26 129273 PROMOTER?

FILE 'LIFESCI'  
L27 68925 PROMOTER?

FILE 'BIOTECHDS'  
L28 36255 PROMOTER?

FILE 'BIOSIS'  
L29 135263 PROMOTER?

FILE 'EMBASE'  
L30 104240 PROMOTER?

FILE 'HCAPLUS'  
L31 189244 PROMOTER?

FILE 'NTIS'  
L32 1729 PROMOTER?

FILE 'ESBIOBASE'  
L33 70709 PROMOTER?

FILE 'BIOTECHNO'  
L34 76660 PROMOTER?

FILE 'WPIDS'  
L35 38166 PROMOTER?

TOTAL FOR ALL FILES  
L36 972984 PROMOTER?

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=> s l12 and (l24 or l36(8a)(induc? or regulat? or activat? or modulat?))
FILE 'MEDLINE'
    1637076 INDUC?
    773352 REGULAT?
    743973 ACTIVAT?
    222554 MODULAT?
    33006 L25(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)
L37      35 L1 AND (L13 OR L25(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT
        ?))

FILE 'SCISEARCH'
    1568379 INDUC?
    680646 REGULAT?
    835239 ACTIVAT?
    321064 MODULAT?
    32352 L26(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)
L38      25 L2 AND (L14 OR L26(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT
        ?))

FILE 'LIFESCI'
    422355 INDUC?
    262262 REGULAT?
    233612 ACTIVAT?
    78748 MODULAT?
    23043 L27(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)
L39      34 L3 AND (L15 OR L27(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT
        ?))

FILE 'BIOTECHDS'
    46820 INDUC?
    30696 REGULAT?
    28076 ACTIVAT?
    15901 MODULAT?
    7401 L28(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)
L40       5 L4 AND (L16 OR L28(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT
        ?))

FILE 'BIOSIS'
    1523646 INDUC?
    824513 REGULAT?
    756995 ACTIVAT?
    256681 MODULAT?
    38374 L29(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)
L41      39 L5 AND (L17 OR L29(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT
        ?))

FILE 'EMBASE'
    1261702 INDUC?
    645835 REGULAT?
    661257 ACTIVAT?
    214783 MODULAT?
    29225 L30(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)
L42      30 L6 AND (L18 OR L30(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT
        ?))

FILE 'HCAPLUS'
    2031156 INDUC?
    930053 REGULAT?
    1233217 ACTIVAT?
    328276 MODULAT?
    53069 L31(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)
L43      50 L7 AND (L19 OR L31(8A)(INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT
        ?))

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FILE 'NTIS'

- 69559 INDUC?
- 85350 REGULAT?
- 28643 ACTIVAT?
- 21770 MODULAT?
- 301 L32 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

L44        0 L8 AND (L20 OR L32 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT  
              ?))

FILE 'ESBIOBASE'

- 534525 INDUC?
- 400589 REGULAT?
- 324319 ACTIVAT?
- 113680 MODULAT?
- 24096 L33 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

L45        20 L9 AND (L21 OR L33 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT  
              ?))

FILE 'BIOTECHNO'

- 335433 INDUC?
- 271996 REGULAT?
- 233622 ACTIVAT?
- 58358 MODULAT?
- 24255 L34 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

L46        28 L10 AND (L22 OR L34 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULA  
              T?))

FILE 'WPIDS'

- 264618 INDUC?
- 383665 REGULAT?
- 263462 ACTIVAT?
- 171141 MODULAT?
- 5709 L35 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

L47        2 L11 AND (L23 OR L35 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULA  
              T?))

TOTAL FOR ALL FILES

L48        268 L12 AND (L24 OR L36 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULA  
              T?))

=> s l24(8a)l36(8a)(induc? or regulat? or activat? or modulat?)

FILE 'MEDLINE'

- 1637076 INDUC?
- 773352 REGULAT?
- 743973 ACTIVAT?
- 222554 MODULAT?

L49        608 L13 (8A) L25 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'SCISEARCH'

- 1568379 INDUC?
- 680646 REGULAT?
- 835239 ACTIVAT?
- 321064 MODULAT?

L50        380 L14 (8A) L26 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'LIFESCI'

- 422355 INDUC?
- 262262 REGULAT?
- 233612 ACTIVAT?
- 78748 MODULAT?

L51        257 L15 (8A) L27 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'BIOTECHDS'

- 46820 INDUC?

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        30696 REGULAT?
        28076 ACTIVAT?
        15901 MODULAT?
L52      9 L16 (8A) L28 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'BIOSIS'
        1523646 INDUC?
        824513 REGULAT?
        756995 ACTIVAT?
        256681 MODULAT?
L53      676 L17 (8A) L29 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'EMBASE'
        1261702 INDUC?
        645835 REGULAT?
        661257 ACTIVAT?
        214783 MODULAT?
L54      555 L18 (8A) L30 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'HCAPLUS'
        2031156 INDUC?
        930053 REGULAT?
        1233217 ACTIVAT?
        328276 MODULAT?
L55      642 L19 (8A) L31 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'NTIS'
        69559 INDUC?
        85350 REGULAT?
        28643 ACTIVAT?
        21770 MODULAT?
L56      3 L20 (8A) L32 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'ESBIOBASE'
        534525 INDUC?
        400589 REGULAT?
        324319 ACTIVAT?
        113680 MODULAT?
L57      225 L21 (8A) L33 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'BIOTECHNO'
        335433 INDUC?
        271996 REGULAT?
        233622 ACTIVAT?
        58358 MODULAT?
L58      351 L22 (8A) L34 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

FILE 'WPIDS'
        264618 INDUC?
        383665 REGULAT?
        263462 ACTIVAT?
        171141 MODULAT?
L59      8 L23 (8A) L35 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

TOTAL FOR ALL FILES
L60      3714 L24 (8A) L36 (8A) (INDUC? OR REGULAT? OR ACTIVAT? OR MODULAT?)

=> s l60 not ((phorbol or tetradecanoylphorbol) (2a)acetate)
FILE 'MEDLINE'
        33182 PHORBOL
        28381 TETRADECANOYLPORBOL
        96769 ACETATE
        32348 (PHORBOL OR TETRADECANOYLPORBOL) (2A)ACETATE
L61      37 L49 NOT ((PHORBOL OR TETRADECANOYLPORBOL) (2A)ACETATE)

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FILE 'SCISEARCH'

- 32057 PHORBOL
- 4915 TETRADECANOYLPHORBOL
- 99676 ACETATE
- 12113 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L62        77 L50 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)

FILE 'LIFESCI'

- 12119 PHORBOL
- 2454 TETRADECANOYLPHORBOL
- 25433 ACETATE
- 5895 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L63        50 L51 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)

FILE 'BIOTECHDS'

- 340 PHORBOL
- 56 TETRADECANOYLPHORBOL
- 12525 ACETATE
- 178 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L64        3 L52 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)

FILE 'BIOSIS'

- 40180 PHORBOL
- 10244 TETRADECANOYLPHORBOL
- 122728 ACETATE
- 22365 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L65        103 L53 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)

FILE 'EMBASE'

- 39775 PHORBOL
- 6395 TETRADECANOYLPHORBOL
- 112417 ACETATE
- 27014 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L66        35 L54 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)

FILE 'HCAPLUS'

- 33348 PHORBOL
- 6790 TETRADECANOYLPHORBOL
- 499659 ACETATE
- 16886 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L67        147 L55 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)

FILE 'NTIS'

- 194 PHORBOL
- 29 TETRADECANOYLPHORBOL
- 3082 ACETATE
- 80 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L68        0 L56 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)

FILE 'ESBIOBASE'

- 12766 PHORBOL
- 2337 TETRADECANOYLPHORBOL
- 28243 ACETATE
- 5338 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L69        62 L57 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)

FILE 'BIOTECHNO'

- 18589 PHORBOL
- 3245 TETRADECANOYLPHORBOL
- 29320 ACETATE
- 12354 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L70        37 L58 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)



FILE 'WPIDS'

398 PHORBOL  
54 TETRADECANOYLPHORBOL  
126110 ACETATE  
194 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE  
L71 5 L59 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)

TOTAL FOR ALL FILES

L72 556 L60 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE)

=> s isopren? or lycopene# or caroten? or astaxanthin# or phytoene# or  
isopentenyl(w)diphosphate or ipp

FILE 'MEDLINE'

10562 ISOPREN?  
1592 LYCOPENE#  
15493 CAROTEN?  
393 ASTAXANTHIN#  
394 PHYTOENE#  
883 ISOPENTENYL  
43455 DIPHOSPHATE  
328 ISOPENTENYL(W) DIPHOSPHATE  
503 IPP  
L73 26634 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'SCISEARCH'

12787 ISOPREN?  
2245 LYCOPENE#  
22588 CAROTEN?  
1119 ASTAXANTHIN#  
621 PHYTOENE#  
1257 ISOPENTENYL  
12641 DIPHOSPHATE  
558 ISOPENTENYL(W) DIPHOSPHATE  
1620 IPP  
L74 37458 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'LIFESCI'

2194 ISOPREN?  
247 LYCOPENE#  
3758 CAROTEN?  
341 ASTAXANTHIN#  
247 PHYTOENE#  
400 ISOPENTENYL  
3366 DIPHOSPHATE  
164 ISOPENTENYL(W) DIPHOSPHATE  
159 IPP  
L75 6232 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'BIOTECHDS'

352 ISOPREN?  
171 LYCOPENE#  
1186 CAROTEN?  
322 ASTAXANTHIN#  
152 PHYTOENE#  
208 ISOPENTENYL  
787 DIPHOSPHATE  
70 ISOPENTENYL(W) DIPHOSPHATE  
73 IPP  
L76 1609 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'BIOSIS'

14137 ISOPREN?  
 2606 LYCOPENE#  
 26776 CAROTEN?  
 1395 ASTAXANTHIN#  
 759 PHYTOENE#  
 1687 ISOPENTENYL  
 12924 DIPHOSPHATE  
 433 ISOPENTENYL(W) DIPHOSPHATE  
 582 IPP  
 L77 42338 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
 OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'EMBASE'

44360 ISOPREN?  
 1842 LYCOPENE#  
 13918 CAROTEN?  
 476 ASTAXANTHIN#  
 233 PHYTOENE#  
 640 ISOPENTENYL  
 41948 DIPHOSPHATE  
 347 ISOPENTENYL(W) DIPHOSPHATE  
 478 IPP  
 L78 59159 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
 OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'HCAPLUS'

57900 ISOPREN?  
 4678 LYCOPENE#  
 50069 CAROTEN?  
 2504 ASTAXANTHIN#  
 1303 PHYTOENE#  
 2492 ISOPENTENYL  
 32715 DIPHOSPHATE  
 640 ISOPENTENYL(W) DIPHOSPHATE  
 1945 IPP  
 L79 111116 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
 OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'NTIS'

326 ISOPREN?  
 19 LYCOPENE#  
 287 CAROTEN?  
 17 ASTAXANTHIN#  
 2 PHYTOENE#  
 5 ISOPENTENYL  
 191 DIPHOSPHATE  
 0 ISOPENTENYL(W) DIPHOSPHATE  
 211 IPP  
 L80 831 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
 OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'ESBIOBASE'

3860 ISOPREN?  
 1107 LYCOPENE#  
 7295 CAROTEN?  
 489 ASTAXANTHIN#  
 252 PHYTOENE#  
 605 ISOPENTENYL  
 4285 DIPHOSPHATE  
 287 ISOPENTENYL(W) DIPHOSPHATE  
 281 IPP  
 L81 11681 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
 OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'BIOTECHNO'

4700 ISOPREN?  
 317 LYCOPENE#  
 2765 CAROTEN?  
 242 ASTAXANTHIN#  
 212 PHYTOENE#  
 442 ISOPENTENYL  
 13015 DIPHOSPHATE  
 246 ISOPENTENYL(W) DIPHOSPHATE  
 156 IPP  
 L82 7724 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
 OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

FILE 'WPIDS'

15871 ISOPREN?  
 636 LYCOPENE#  
 4128 CAROTEN?  
 539 ASTAXANTHIN#  
 127 PHYTOENE#  
 181 ISOPENTENYL  
 2120 DIPHOSPHATE  
 39 ISOPENTENYL(W) DIPHOSPHATE  
 169 IPP  
 L83 20562 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
 OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

TOTAL FOR ALL FILES

L84 325344 ISOPREN? OR LYCOPENE# OR CAROTEN? OR ASTAXANTHIN# OR PHYTOENE#  
 OR ISOPENTENYL(W) DIPHOSPHATE OR IPP

=> s l84 and (l24 not ((phorbol or tetradecanoylphorbol) (2a)acetate))

FILE 'MEDLINE'

33182 PHORBOL  
 28381 TETRADECANOYLPHORBOL  
 96769 ACETATE  
 32348 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE  
 L85 452 L73 AND (L13 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE))

FILE 'SCISEARCH'

32057 PHORBOL  
 4915 TETRADECANOYLPHORBOL  
 99676 ACETATE  
 12113 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE  
 L86 760 L74 AND (L14 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE))

FILE 'LIFESCI'

12119 PHORBOL  
 2454 TETRADECANOYLPHORBOL  
 25433 ACETATE  
 5895 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE  
 L87 142 L75 AND (L15 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE))

FILE 'BIOTECHDS'

340 PHORBOL  
 56 TETRADECANOYLPHORBOL  
 12525 ACETATE  
 178 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE  
 L88 106 L76 AND (L16 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE))

FILE 'BIOSIS'

40180 PHORBOL  
 10244 TETRADECANOYLPHORBOL  
 122728 ACETATE

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      22365 (PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE
L89      796 L77 AND (L17 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE))

FILE 'EMBASE'
      39775 PHORBOL
      6395 TETRADECANOYLPHORBOL
      112417 ACETATE
      27014 (PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE
L90      890 L78 AND (L18 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE))

FILE 'HCAPLUS'
      33348 PHORBOL
      6790 TETRADECANOYLPHORBOL
      499659 ACETATE
      16886 (PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE
L91      5000 L79 AND (L19 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE))

FILE 'NTIS'
      194 PHORBOL
      29 TETRADECANOYLPHORBOL
      3082 ACETATE
      80 (PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE
L92      8 L80 AND (L20 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE))

FILE 'ESBIOBASE'
      12766 PHORBOL
      2337 TETRADECANOYLPHORBOL
      28243 ACETATE
      5338 (PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE
L93      269 L81 AND (L21 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE))

FILE 'BIOTECHNO'
      18589 PHORBOL
      3245 TETRADECANOYLPHORBOL
      29320 ACETATE
      12354 (PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE
L94      183 L82 AND (L22 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE))

FILE 'WPIDS'
      398 PHORBOL
      54 TETRADECANOYLPHORBOL
      126110 ACETATE
      194 (PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE
L95      2175 L83 AND (L23 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE))

TOTAL FOR ALL FILES
L96      10781 L84 AND (L24 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE)
      )

=> s l84(5a)(synthes? or production# or mak?)
FILE 'MEDLINE'
      494539 SYNTHES?
      365714 PRODUCTION#
      304596 MAK?
L97      1208 L73(5A)(SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'SCISEARCH'
      885099 SYNTHES?
      584155 PRODUCTION#
      352146 MAK?
L98      2162 L74(5A)(SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'LIFESCI'
      140412 SYNTHES?

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186076 PRODUCTION#
53685 MAK?
L99      727 L75 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'BIOTECHDS'
33061 SYNTHES?
129421 PRODUCTION#
12771 MAK?
L100     675 L76 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'BIOSIS'
642146 SYNTHES?
622641 PRODUCTION#
196375 MAK?
L101     2627 L77 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'EMBASE'
604186 SYNTHES?
374345 PRODUCTION#
271630 MAK?
L102     995 L78 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'HCAPLUS'
1495608 SYNTHES?
583082 PRODUCTION#
910781 PRODN
1249463 PRODUCTION#
        (PRODUCTION# OR PRODN)
638333 MAK?
L103     6156 L79 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'NTIS'
42468 SYNTHES?
133857 PRODUCTION#
121623 MAK?
L104     24 L80 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'ESBIOBASE'
192325 SYNTHES?
204174 PRODUCTION#
72863 MAK?
L105     903 L81 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'BIOTECHNO'
170699 SYNTHES?
149568 PRODUCTION#
34919 MAK?
L106     584 L82 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'WPIDS'
128987 SYNTHES?
391905 PRODUCTION#
473934 PRODN
847331 PRODUCTION#
        (PRODUCTION# OR PRODN)
666899 MAK?
L107     1211 L83 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

TOTAL FOR ALL FILES
L108     17272 L84 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

=> s 196 and 1108
FILE 'MEDLINE'
L109     45 L85 AND L97

```

FILE 'SCISEARCH'  
L110 61 L86 AND L98

FILE 'LIFESCI'  
L111 25 L87 AND L99

FILE 'BIOTECHDS'  
L112 31 L88 AND L100

FILE 'BIOSIS'  
L113 86 L89 AND L101

FILE 'EMBASE'  
L114 39 L90 AND L102

FILE 'HCAPLUS'  
L115 341 L91 AND L103

FILE 'NTIS'  
L116 2 L92 AND L104

FILE 'ESBIOBASE'  
L117 36 L93 AND L105

FILE 'BIOTECHNO'  
L118 26 L94 AND L106

FILE 'WPIDS'  
L119 58 L95 AND L107

TOTAL FOR ALL FILES  
L120 750 L96 AND L108

=> s (148 or 172 or 1120) not 2001-2005/py

FILE 'MEDLINE'  
2789957 2001-2005/PY  
L121 91 (L37 OR L61 OR L109) NOT 2001-2005/PY

FILE 'SCISEARCH'  
5231884 2001-2005/PY  
(20010000-20059999/PY)  
L122 120 (L38 OR L62 OR L110) NOT 2001-2005/PY

FILE 'LIFESCI'  
505761 2001-2005/PY  
L123 89 (L39 OR L63 OR L111) NOT 2001-2005/PY

FILE 'BIOTECHDS'  
118258 2001-2005/PY  
L124 17 (L40 OR L64 OR L112) NOT 2001-2005/PY

FILE 'BIOSIS'  
2556250 2001-2005/PY  
L125 184 (L41 OR L65 OR L113) NOT 2001-2005/PY

FILE 'EMBASE'  
2399336 2001-2005/PY  
L126 87 (L42 OR L66 OR L114) NOT 2001-2005/PY

FILE 'HCAPLUS'  
5267476 2001-2005/PY  
L127 411 (L43 OR L67 OR L115) NOT 2001-2005/PY

FILE 'NTIS'  
78543 2001-2005/PY  
L128 1 (L44 OR L68 OR L116) NOT 2001-2005/PY

FILE 'ESBIOBASE'  
1465569 2001-2005/PY  
L129 78 (L45 OR L69 OR L117) NOT 2001-2005/PY

FILE 'BIOTECHNO'  
368875 2001-2005/PY  
L130 75 (L46 OR L70 OR L118) NOT 2001-2005/PY

FILE 'WPIDS'  
4639568 2001-2005/PY  
L131 29 (L47 OR L71 OR L119) NOT 2001-2005/PY

TOTAL FOR ALL FILES  
L132 1182 (L48 OR L72 OR L120) NOT 2001-2005/PY

=> s (deoxyxylulose or deoxy xylulose or geranylgeranyl or geranyl  
geranyl)(2w)synthase# or dxp or ggpp  
FILE 'MEDLINE'

101 DEOXYXYLULOSE  
18255 DEOXY  
573 XYLULOSE  
7 DEOXY XYLULOSE  
(DEOXY(W)XYLULOSE)  
1006 GERANYLGERANYL  
492 GERANYL  
492 GERANYL  
23 GERANYL GERANYL  
(GERANYL(W)GERANYL)  
90634 SYNTHASE#  
170 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
GERANYL)(2W)SYNTHASE#  
82 DXP  
171 GGPP  
L133 372 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
GERANYL)(2W)SYNTHASE# OR DXP OR GGPP

FILE 'SCISEARCH'  
121 DEOXYXYLULOSE  
20491 DEOXY  
734 XYLULOSE  
10 DEOXY XYLULOSE  
(DEOXY(W)XYLULOSE)  
1164 GERANYLGERANYL  
895 GERANYL  
895 GERANYL  
24 GERANYL GERANYL  
(GERANYL(W)GERANYL)  
105382 SYNTHASE#  
213 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
GERANYL)(2W)SYNTHASE#  
88 DXP  
188 GGPP  
L134 440 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
GERANYL)(2W)SYNTHASE# OR DXP OR GGPP

FILE 'LIFESCI'  
32 DEOXYXYLULOSE  
4804 "DEOXY"  
268 "XYLULOSE"  
5 DEOXY XYLULOSE

```

        ("DEOXY" (W) "XYLULOSE")
369 GERANYLGERANYL
286 "GERANYL"
286 "GERANYL"
    6 GERANYL GERANYL
        ("GERANYL" (W) "GERANYL")
23581 SYNTHASE#
    96 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE#
    31 DXP
    60 GGPP
L135    159 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

```

FILE 'BIOTECHDS'

```

    20 DEOXYXYLULOSE
1454 DEOXY
    299 XYLULOSE
    0 DEOXY XYLULOSE
        (DEOXY (W) XYLULOSE)
    115 GERANYLGERANYL
    146 GERANYL
    146 GERANYL
    22 GERANYL GERANYL
        (GERANYL (W) GERANYL)
5934 SYNTHASE#
    63 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE#
    7 DXP
    29 GGPP
L136    89 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

```

FILE 'BIOSIS'

```

    98 DEOXYXYLULOSE
41105 DEOXY
    689 XYLULOSE
    12 DEOXY XYLULOSE
        (DEOXY (W) XYLULOSE)
    1196 GERANYLGERANYL
    1177 GERANYL
    1177 GERANYL
    53 GERANYL GERANYL
        (GERANYL (W) GERANYL)
97254 SYNTHASE#
    195 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE#
    94 DXP
    201 GGPP
L137    436 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

```

FILE 'EMBASE'

```

    86 DEOXYXYLULOSE
18323 "DEOXY"
    487 "XYLULOSE"
    6 DEOXY XYLULOSE
        ("DEOXY" (W) "XYLULOSE")
    846 GERANYLGERANYL
    580 "GERANYL"
    580 "GERANYL"
    26 GERANYL GERANYL
        ("GERANYL" (W) "GERANYL")
88592 SYNTHASE#

```



110 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
 GERANYL) (2W) SYNTHASE#  
 61 DXP  
 153 GGPP  
 L138 296 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
 GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

FILE 'HCAPLUS'

241 DEOXYXYLULOSE  
 51375 DEOXY  
 1559 XYLULOSE  
 20 DEOXY XYLULOSE  
 (DEOXY (W) XYLULOSE)  
 1675 GERANYLGERANYL  
 6139 GERANYL  
 6139 GERANYL  
 101 GERANYL GERANYL  
 (GERANYL (W) GERANYL)  
 92828 SYNTHASE#  
 342 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
 GERANYL) (2W) SYNTHASE#  
 134 DXP  
 235 GGPP  
 L139 635 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
 GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

FILE 'NTIS'

0 DEOXYXYLULOSE  
 222 DEOXY  
 16 XYLULOSE  
 2 DEOXY XYLULOSE  
 (DEOXY (W) XYLULOSE)  
 5 GERANYLGERANYL  
 9 GERANYL  
 9 GERANYL  
 1 GERANYL GERANYL  
 (GERANYL (W) GERANYL)  
 231 SYNTHASE#  
 0 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
 GERANYL) (2W) SYNTHASE#  
 1 DXP  
 0 GGPP  
 L140 1 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
 GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

FILE 'ESBIOBASE'

80 DEOXYXYLULOSE  
 6253 DEOXY  
 321 XYLULOSE  
 7 DEOXY XYLULOSE  
 (DEOXY (W) XYLULOSE)  
 627 GERANYLGERANYL  
 356 GERANYL  
 356 GERANYL  
 18 GERANYL GERANYL  
 (GERANYL (W) GERANYL)  
 43248 SYNTHASE#  
 113 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
 GERANYL) (2W) SYNTHASE#  
 46 DXP  
 139 GGPP  
 L141 269 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL  
 GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

FILE 'BIOTECHNO'

```

    60 DEOXYXYLULOSE
  4760 DEOXY
    271 XYLULOSE
      3 DEOXY XYLULOSE
        (DEOXY (W) XYLULOSE)
    483 GERANYLGERANYL
    192 GERANYL
    192 GERANYL
      7 GERANYL GERANYL
        (GERANYL (W) GERANYL)
  29457 SYNTHASE#
    109 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE#
      31 DXP
      78 GGPP
L142   186 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

```

FILE 'WPIDS'

```

    19 DEOXYXYLULOSE
  4867 DEOXY
    197 XYLULOSE
    17 DEOXY XYLULOSE
      (DEOXY (W) XYLULOSE)
    242 GERANYLGERANYL
    651 GERANYL
    651 GERANYL
      71 GERANYL GERANYL
        (GERANYL (W) GERANYL)
  4852 SYNTHASE#
    65 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE#
      11 DXP
      23 GGPP
L143   85 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

```

TOTAL FOR ALL FILES

```

L144   2968 (DEOXYXYLULOSE OR DEOXY XYLULOSE OR GERANYLGERANYL OR GERANYL
        GERANYL) (2W) SYNTHASE# OR DXP OR GGPP

```

=> s l144 and (l14 not ((phorbol or tetradecanoylphorbol) (2a)acetate))

FILE 'MEDLINE'

```

    33182 PHORBOL
    28381 TETRADECANOYLPORBOL
    96769 ACETATE
    32348 (PHORBOL OR TETRADECANOYLPORBOL) (2A)ACETATE
L145     6 L133 AND (L13 NOT ((PHORBOL OR TETRADECANOYLPORBOL) (2A)ACETATE)
        )

```

FILE 'SCISEARCH'

```

    32057 PHORBOL
    4915 TETRADECANOYLPORBOL
    99676 ACETATE
    12113 (PHORBOL OR TETRADECANOYLPORBOL) (2A)ACETATE
L146    11 L134 AND (L14 NOT ((PHORBOL OR TETRADECANOYLPORBOL) (2A)ACETATE)
        )

```

FILE 'LIFESCI'

```

    12119 PHORBOL
    2454 TETRADECANOYLPORBOL
    25433 ACETATE
    5895 (PHORBOL OR TETRADECANOYLPORBOL) (2A)ACETATE

```

L147            2 L135 AND (L15 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)  
                 )

FILE 'BIOTECHDS'

              340 PHORBOL  
              56 TETRADECANOYLPHORBOL  
            12525 ACETATE  
            178 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L148            5 L136 AND (L16 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)  
                 )

FILE 'BIOSIS'

              40180 PHORBOL  
              10244 TETRADECANOYLPHORBOL  
            122728 ACETATE  
            22365 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L149            8 L137 AND (L17 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)  
                 )

FILE 'EMBASE'

              39775 PHORBOL  
              6395 TETRADECANOYLPHORBOL  
            112417 ACETATE  
            27014 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L150            6 L138 AND (L18 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)  
                 )

FILE 'HCAPLUS'

              33348 PHORBOL  
              6790 TETRADECANOYLPHORBOL  
            499659 ACETATE  
            16886 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L151            25 L139 AND (L19 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)  
                 )

FILE 'NTIS'

              194 PHORBOL  
              29 TETRADECANOYLPHORBOL  
            3082 ACETATE  
            80 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L152            0 L140 AND (L20 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)  
                 )

FILE 'ESBIOBASE'

              12766 PHORBOL  
              2337 TETRADECANOYLPHORBOL  
            28243 ACETATE  
            5338 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L153            7 L141 AND (L21 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)  
                 )

FILE 'BIOTECHNO'

              18589 PHORBOL  
              3245 TETRADECANOYLPHORBOL  
            29320 ACETATE  
            12354 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

L154            3 L142 AND (L22 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE)  
                 )

FILE 'WPIDS'

              398 PHORBOL  
              54 TETRADECANOYLPHORBOL  
            126110 ACETATE  
            194 (PHORBOL OR TETRADECANOYLPHORBOL) (2A)ACETATE

```

L155          5 L143 AND (L23 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE)
              )

TOTAL FOR ALL FILES
L156          78 L144 AND (L24 NOT ((PHORBOL OR TETRADECANOYLPHORBOL) (2A) ACETATE
              ))

=> s l144(5a)(synthes? or production# or mak?)
FILE 'MEDLINE'
      494539 SYNTHES?
      365714 PRODUCTION#
      304596 MAK?
L157          35 L133(5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'SCISEARCH'
      885099 SYNTHES?
      584155 PRODUCTION#
      352146 MAK?
L158          41 L134(5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'LIFESCI'
      140412 SYNTHES?
      186076 PRODUCTION#
      53685  MAK?
L159          16 L135(5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'BIOTECHDS'
      33061  SYNTHES?
      129421 PRODUCTION#
      12771  MAK?
L160          13 L136(5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'BIOSIS'
      642146 SYNTHES?
      622641 PRODUCTION#
      196375 MAK?
L161          42 L137(5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'EMBASE'
      604186 SYNTHES?
      374345 PRODUCTION#
      271630 MAK?
L162          29 L138(5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'HCAPLUS'
      1495608 SYNTHES?
      583082  PRODUCTION#
      910781  PRODN
      1249463 PRODUCTION#
              (PRODUCTION# OR PRODN)
      638333  MAK?
L163          70 L139(5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'NTIS'
      42468  SYNTHES?
      133857 PRODUCTION#
      121623 MAK?
L164          0 L140(5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'ESBIOBASE'
      192325 SYNTHES?
      204174 PRODUCTION#
      72863  MAK?
L165          27 L141(5A) (SYNTHES? OR PRODUCTION# OR MAK?)

```

FILE 'BIOTECHNO'  
170699 SYNTHES?  
149568 PRODUCTION#  
34919 MAK?  
L166 18 L142 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

FILE 'WPIDS'  
128987 SYNTHES?  
391905 PRODUCTION#  
473934 PRODN  
847331 PRODUCTION#  
(PRODUCTION# OR PRODN)  
666899 MAK?  
L167 6 L143 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

TOTAL FOR ALL FILES  
L168 297 L144 (5A) (SYNTHES? OR PRODUCTION# OR MAK?)

=> s l156 and l168

FILE 'MEDLINE'  
L169 0 L145 AND L157

FILE 'SCISEARCH'  
L170 0 L146 AND L158

FILE 'LIFESCI'  
L171 0 L147 AND L159

FILE 'BIOTECHDS'  
L172 1 L148 AND L160

FILE 'BIOSIS'  
L173 0 L149 AND L161

FILE 'EMBASE'  
L174 0 L150 AND L162

FILE 'HCAPLUS'  
L175 3 L151 AND L163

FILE 'NTIS'  
L176 0 L152 AND L164

FILE 'ESBIOBASE'  
L177 0 L153 AND L165

FILE 'BIOTECHNO'  
L178 0 L154 AND L166

FILE 'WPIDS'  
L179 0 L155 AND L167

TOTAL FOR ALL FILES  
L180 4 L156 AND L168

=> s l180 not 2001-2005/py

FILE 'MEDLINE'  
2789957 2001-2005/PY  
L181 0 L169 NOT 2001-2005/PY

FILE 'SCISEARCH'  
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L182 0 L170 NOT 2001-2005/PY

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L184 0 L172 NOT 2001-2005/PY

FILE 'BIOSIS'

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L185 0 L173 NOT 2001-2005/PY

FILE 'EMBASE'

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TOTAL FOR ALL FILES

L192 1 L180 NOT 2001-2005/PY

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L192 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

TI Improving lycopene production in Escherichia coli by engineering metabolic control

SO Nature Biotechnology (2000), 18(5), 533-537

CODEN: NABIF9; ISSN: 1087-0156

AU Farmer, William R.; Liao, James C.

AN 2000:346026 HCAPLUS

DN 133:88250

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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STN INTERNATIONAL LOGOFF AT 16:24:11 ON 13 DEC 2005